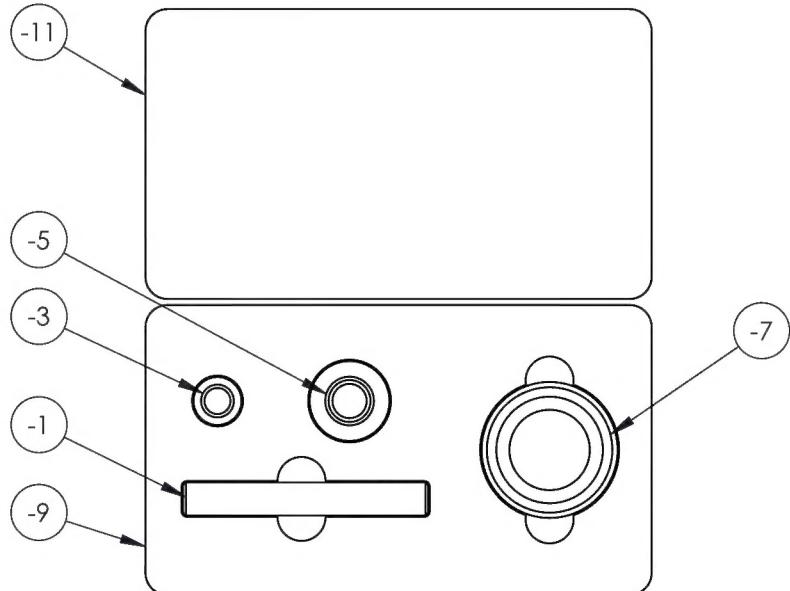


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| REVISIONS | | | | | | | |
|-----------|-----|--------------------------|--|--|-----------|---------|----------|
| REV | ECR | DESCRIPTION | | | DATE | INITIAL | APPROVED |
| 1 | | RELEASED FOR PRODUCTION. | | | 5/24/2016 | RJC | JAG |



NOTE:
REF. EUROCOPTER T/N 105-14181W6.

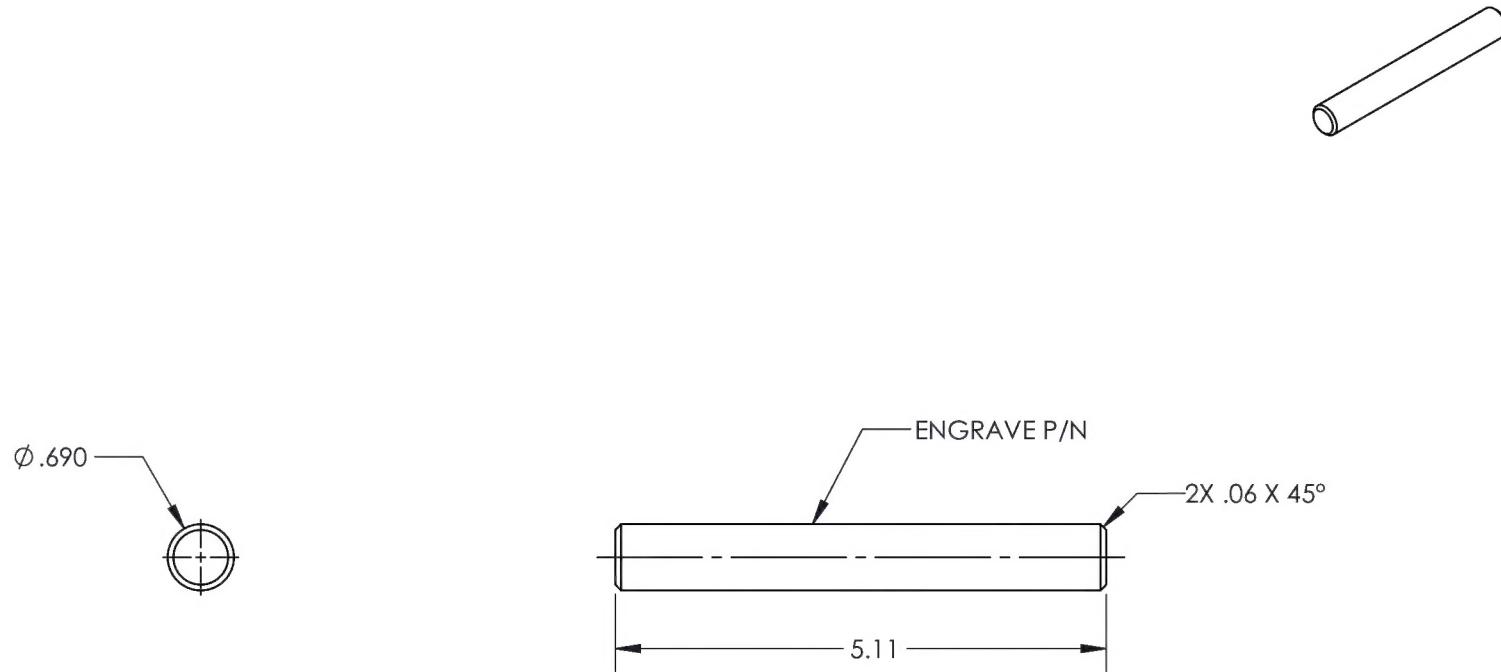


| TITLE | | PUSHING-OUT TOOL | REV |
|--------------|-----|--|-----------------|
| DWG NO. | | RBE105-14181W6 | 1 |
| MATERIAL | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| HEAT TREAT | | .XXX ± .005 | FRACTIONS ± 1/8 |
| FINISH | | .XX ± .01 | ANGLES ± 5° |
| SPEC | | X ± .1 | SURFACES = 125 |
| DRAWN BY: | | CLOUGH | |
| CHECKED: | | DUERFELDT | |
| OPPS APPR: | | ANDERSON | |
| QA APPR: | | LINDSAY | |
| APPROVED: | | USED ON MODEL | |
| GILBERT | | EC145 | |
| SCALE | 1:2 | DATE | 1/13/2016 |
| SHEET 1 OF 7 | | | |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|---------------|------------------|--|-----|
| | | | -1 | 1 | PLUNGER | A36/1018/1020 HR | | 2 |
| | | | -3 | 1 | DRIFT | A36/1018/1020 HR | | 3 |
| | | | -5 | 1 | GUIDE BUSHING | 6061 | | 4 |
| | | | -7 | 1 | SUPPORT | 6061 | | 5 |
| | B/O | -9 | 1 | 1 | BOTTOM FOAM | Y20 BLACK | 2.08 X 6.04 X 10.54 (I.R. SPECIALTIES) | 6 |
| | B/O | -11 | 1 | 1 | TOP FOAM | Y20 BLACK | 1.08 X 6.04 X 10.54 (I.R. SPECIALTIES) | 7 |
| | B/O | -13 | 1 | 1 | CASE | PLASTIC | PELICAN CASE #APP-1170-E | N/S |
| | B/O | | 1 | 1 | DART PLACARD | ALUMINUM | RB41011 | N/S |

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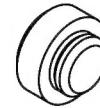
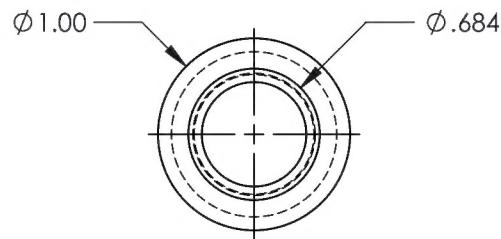
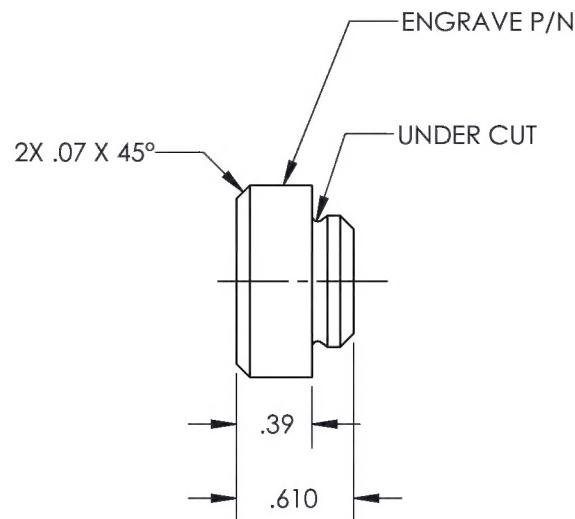
(-1)

PLUNGER

| DART AEROSPACE | |
|---|----------------|
| TITLE | |
| PUSHING-OUT TOOL | |
| DWG NO. RBE105-14181W6-1 REV 1 | |
| MAT'L A36/1018/1020 HR UNLESS OTHERWISE SPECIFIED | |
| HEAT DIMENSIONS ARE IN INCHES | |
| TREAT .XXX ± .005 FRACTIONS ± 1/8 | |
| FINISH .XX ± .01 ANGLES ± 5° | |
| SPEC ZINC PLATE .X ± .1 SURFACES = 125 ✓ | |
| ASTM B633 TYPE I SC 2 | |
| DRAWN BY: | CLOUGH |
| CHECKED: | DUERFELDT |
| OPPS APPR: | ANDERSON |
| QA APPR: | LINDSAY |
| APPROVED: | GILBERT |
| USED ON MODEL | EC145 |
| SCALE 1:2 | DATE 1/13/2016 |
| SHEET 2 OF 7 | |

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|-----|-----|-----------|-------------|------|---------|----------|
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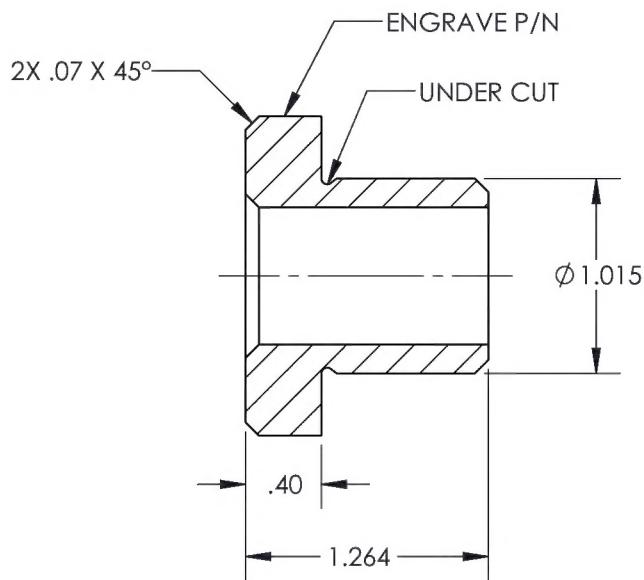
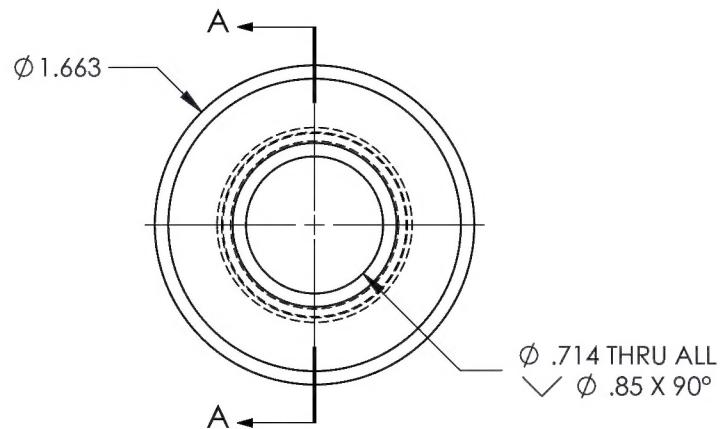
(-3)

DRIFT

| DART AEROSPACE | |
|--|-----------------------------|
| TITLE | |
| PUSHING-OUT TOOL | |
| DWG NO. | RBE105-14181W6-3 |
| REV | 1 |
| MATERIAL A36/1018/1020 HR | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| HEAT | .XXX ± .005 FRACTIONS ± 1/8 |
| TREAT | .XX ± .01 ANGLES ± 5° |
| FINISH | X ± .1 SURFACES = 125 ✓ |
| SPEC | ASTM B633 TYPE I SC 2 |
| DRAWN BY: | CLOUGH |
| CHECKED: | DUERFELDT |
| OPPS APPR: | ANDERSON |
| QA APPR: | LINDSAY |
| APPROVED: | GILBERT |
| USED ON MODEL | EC145 |
| SCALE | 1:1 |
| DATE | 1/13/2016 |
| SHEET 3 OF 7 | |

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|-----|--|-----|--|-------------|--|--|------|---------|----------|
|-----|--|-----|--|-------------|--|--|------|---------|----------|



SECTION A-A

DART
AEROSPACE

TITLE
PUSHING-OUT TOOL

DWG NO.
RBE105-14181W6-5

REV
1

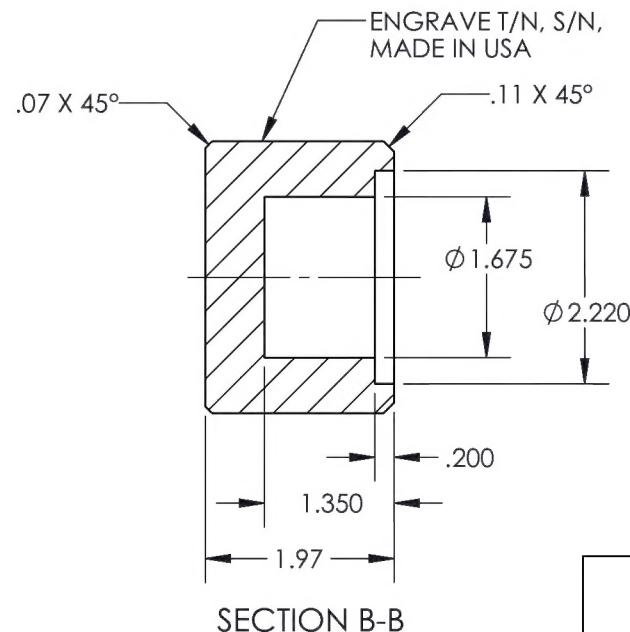
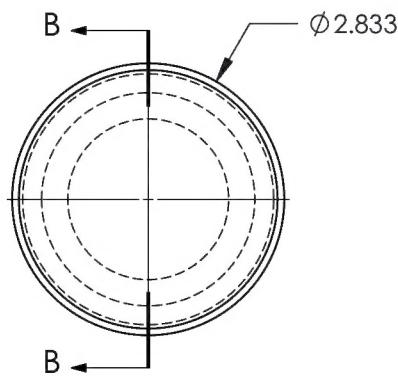
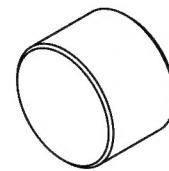
| | | |
|------------|------------------------------|--|
| MAT'L | 6061 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT | .XXX ± .005 | FRACTIONS ± 1/8 |
| TREAT | .XX ± .01 | ANGLES ± 5° |
| FINISH | CLEAR ANODIZE | X ± .1 SURFACES = 125 |
| SPEC | MIL-A-8625, TYPE II, CLASS I | ✓ |
| DRAWN BY: | CLOUGH | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: | DUERFELDT | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: | ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: | LINDSAY | USED ON MODEL |
| APPROVED: | GILBERT | EC145 |
| SCALE | 1:1 | DATE 1/13/2016 |
| | | SHEET 4 OF 7 |

(-5)

GUIDE BUSHING

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|-----|-----|-----------|-------------|------|---------|----------|
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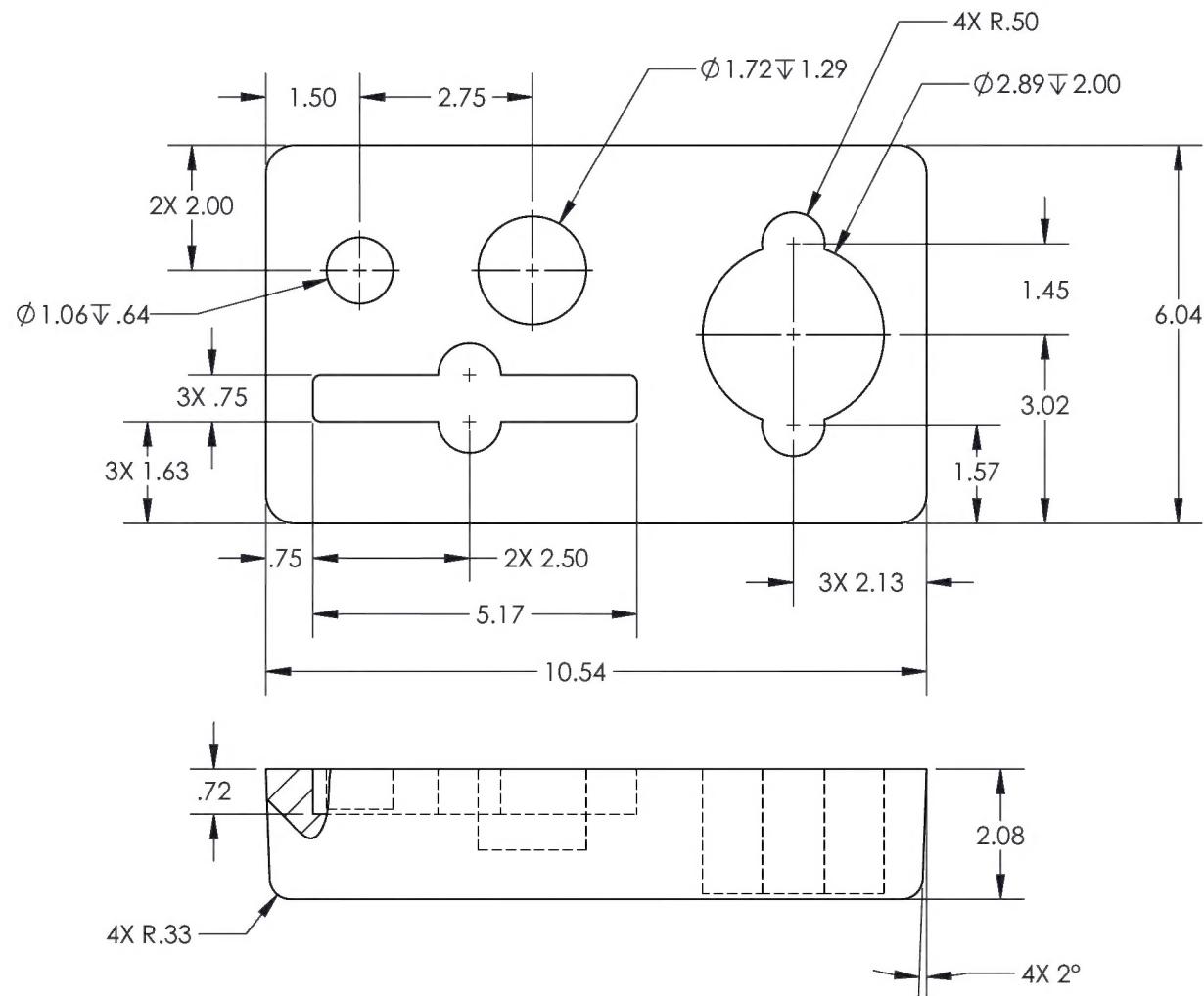


(7)
SUPPORT

| TITLE | |
|--|------------------------------|
| PUSHING-OUT TOOL | |
| DWG NO. | RBE105-14181W6-7 |
| REV | 1 |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| .XXX ± .005 FRACTIONS ± 1/8 | |
| .XX ± .01 ANGLES ± 5° | |
| X ± .1 SURFACES = 125 ✓ | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | |
| MA TL | 6061 |
| HEAT | |
| TREAT | |
| FINISH | CLEAR ANODIZE |
| SPEC | MIL-A-8625, TYPE II, CLASS I |
| DRAWN BY: | CLOUGH |
| CHECKED: | DUERFELDT |
| OPPS APPR: | ANDERSON |
| QA APPR: | LINDSAY |
| APPROVED: | GILBERT |
| USED ON MODEL | EC145 |
| SCALE | 1:2 |
| DATE | 1/13/2016 |
| SHEET 5 OF 7 | |

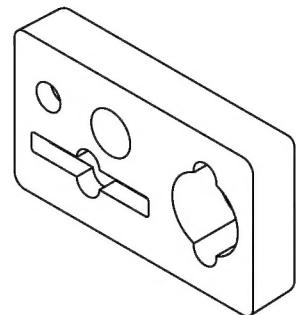
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(9)

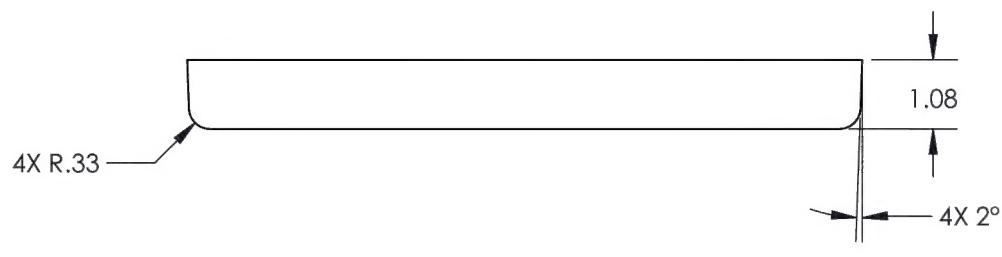
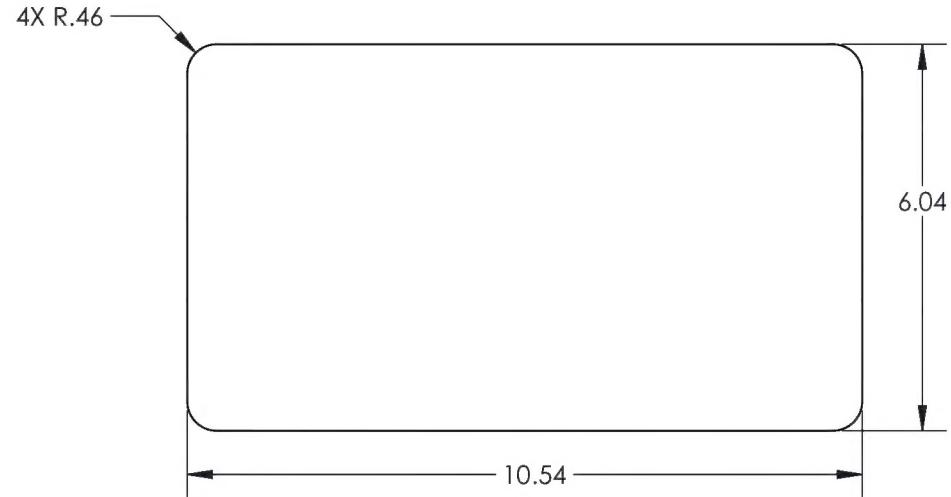
BOTTOM FOAM



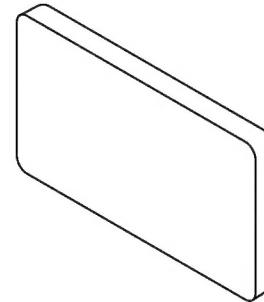
| | |
|--------------------------|--|
| DART AEROSPACE | |
| PUSHING-OUT TOOL | |
| DWG NO. RBE105-14181W6-9 | |
| MAT'L Y20 BLACK | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT | .XXX \pm .010 FRACTIONS \pm 1/8 |
| TREAT | .XX \pm .03 ANGLES \pm 1° |
| FINISH | X \pm .1 SURFACES = 125 |
| SPEC | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| DRAWN BY: CLOUGH | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| CHECKED: DUERFELDT | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| OPPS APPR: ANDERSON | USED ON MODEL |
| QA APPR: LINDSAY | APPROVED: GILBERT EC145 |
| SCALE 1:3 | DATE 1/13/2016 |
| SHEET 6 OF 7 | |

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|-----|-----|-----------|-------------|------|---------|----------|



(-11)
TOP FOAM



| DART AEROSPACE | |
|--|-----------|
| TITLE | |
| PUSHING-OUT TOOL | |
| DWG NO. RBE105-14181W6-11 | |
| REV 1 | |
| MATERIAL Y20 BLACK | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| .XXX ± .010 FRACTIONS ± 1/8 | |
| .XX ± .03 ANGLES ± 1° | |
| .X ± .1 SURFACES = 125 ✓ | |
| SPEC | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | |
| DRAWN BY: | CLOUGH |
| CHECKED: | DUERFELDT |
| OPPS APPR: | ANDERSON |
| QA APPR: | LINDSAY |
| APPROVED: | GILBERT |
| USED ON MODEL | |
| SCALE | 1:3 |
| DATE | 1/13/2016 |
| SHEET 7 OF 7 | |